11/25/87 A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended November 13, 1987 NO. 46

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/13/87	Last Week Ending: 11/06/87	Last Year Week Ending: 11/14/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,960	12,715	12,770	245	190
Operable capacity	15,697	15,697	15,594	0	103
Percent operated	82.6	81.0	81.9		
Motor Gasoline					
Total motor gasoline production	6,728	6,470	6,692	258	36
Finished leaded motor gasoline production	1,510	1,432	1,889	78	-379
Finished unleaded motor gasoline production	5,218	5,038	4,803	180	415
Total motor gasoline stocks	218,273	218,645	224,888	-372	-6,615
Finished leaded motor gasoline stocks	51,245	51,930	64,177	-685	-12,932
Finished unleaded motor gasoline stocks	130,071	129,679	123,318	392	6,753
Jet Fuel Kerosine					
Jet fuel kerosine production	1,176	1,183	1,105	-7	71
Jet fuel kerosine stocks	42,673	43,706	42,972	-1,033	-299
Distillate Fuel Oil					
Distillate fuel oil production	3,009	2,844	2,892	165	117
Distillate fuel oil stocks	127,290	121,821	154,344	5,469	-27,054
Residual Fuel Oil					
Residual fuel oil production	867	869	957	-2	-90
Residual fuel oil stocks	47,498	46,052	45,703	1,446	1,795
Imports					
Crude oil imports	4,674	5,950	5,010	-1,276	-336
Product imports	1,551	2,081	1,866	-530	-315
Crude Oil Stocks					
Crude oil stocks	355,754	354,203	342,726	1,551	13,028

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,386	1,146	1,149	1,400	82.1
Appal. No. 1	104	97	98	105	93.3
DISTRICT 1 TOTAL	1,490	1,243	1,247	1,505	82.9
Appal. No. 2	56	56	56	66	84.8
Ind., Ill., Ky.	2,135	1,956	1,981	2,154	92.0
Minn., Wis., Daks.	320	311	311	317	98.1
Okla., Kans., Mo.	630	557	562	720	78.1
DISTRICT 2 TOTAL	3,141	2,880	2,910	3,257	89.3
Inland Texas	498	427	427	569	75.0
Texas Gulf Coast	3,298	2,953	2,967	3,569	83.1
La. Gulf Coast	2,446	2,305	2,317	2,648	87.5
N. La. and Ark.	184	164	175	257	68.1
New Mexico	94	67	68	81	84.0
DISTRICT 3 TOTAL	6,520	5,916	5,954	7,124	83.6
DISTRICT 4 TOTAL	459	426	430	552	77.9
DISTRICT 5 TOTAL	2,469	2,413	2,419	3,259	74.2
TOTAL U.S.	14,079	12,878	12,960	15,697	82.6
TOTAL U.S. Weeks Ended:					
NOV. 6, 1987	13,976	12,618	12,715	15,697	81.0
NOV. 14, 1986	14,316	12,622	12,770	15,594	81.9
DISTRICTS 1-4 Weeks Ended:					
NOV. 13, 1987	11,610	10,465	10,541	12,438	84.7
NOV. 6, 1987	11,447	10,336	10,433	12,438	83.9
NOV. 14, 1986	11,721	10,245	10,389	12,526	82.9

API WEEKLY STATISTICAL BULLETIN
Week Ended November 13, 1987

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	634*	108	526*	17	79	328	129
Appal. No. 1	38	6	32	--	--	32	3
DISTRICT 1 TOTAL	672*	114	558*	17	79	360	132
Appal. No. 2	38	10	28	--	--	15	2
Ind., Ill., Ky.	1,195	277	918	7	116	482	44
Minn., Wis., Daks.	166	51	115	1	18	81	6
Okla., Kans., Mo.	343	112	231	3	26	149	2
DISTRICT 2 TOTAL	1,742	450	1,292	11	160	727	54
Inland Texas	259	74	185	27	40	110	10
Texas Gulf Coast	1,541	283	1,258	6	272	720	156
La. Gulf Coast	1,129	230	899	33	302	542	142
N. La. and Ark.	55	6	49	7	6	47	10
New Mexico	42	14	28	6	1	20	--
DISTRICT 3 TOTAL	3,026	607	2,419	79	621	1,439	318
DISTRICT 4 TOTAL	207	76	131	13	21	131	8
DISTRICT 5 TOTAL	1,081	263	818	53	295	352	355
TOTAL U.S.	6,728	1,510	5,218	173	1,176	3,009	867
TOTAL U.S. Weeks Ended:							
NOV. 6, 1987	6,470*	1,432	5,038*	252	1,183	2,844	869
NOV. 14, 1986	6,692	1,889	4,803	233	1,105	2,892	957
DISTRICTS 1-4 Weeks Ended:							
NOV. 13, 1987	5,647	1,247	4,400	120	881	2,657	512
NOV. 6, 1987	5,504*	1,198	4,306*	182	885	2,515	465
NOV. 14, 1986	5,518	1,522	3,996	190	785	2,535	486

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	4,337	924	3,412	1	121	462	8,419	1,161	--
Central Atlantic	26,831	5,001	17,877	3,953	322	5,427	30,935	17,344	12,046
Lower Atlantic	29,487*	6,533	22,601*	353	706	5,179	15,967*	3,070	481
DISTRICT 1 TOTAL	60,655*	12,458	43,890*	4,307	1,149	11,068	55,321*	21,575	12,527
DISTRICT 2 TOTAL	58,349	17,352	33,499	7,498	916	8,931	29,127*	2,646	16,195
DISTRICT 3 TOTAL	65,274	12,662	36,138	16,474	2,401	15,203	29,825	13,471	45,672
DISTRICT 4 TOTAL	5,742	1,988	2,348	1,406	422	734	2,461	408	2,464
DISTRICT 5 TOTAL	28,253	6,785	14,196	7,272	2,012	6,737	10,556	9,398*	25,163*
TOTAL U.S.	218,273	51,245	130,071	36,957	6,900	42,673	127,290	47,498	102,021
TOTAL U.S.									
Weeks Ended:									
NOV. 6, 1987	218,645*	51,930	129,679*	37,036	7,146	43,706	121,821*	46,052*	104,279*
NOV. 14, 1986	224,888	64,177	123,318	37,393	6,907	42,972	154,344	45,703	102,744
DISTRICTS 1-4									
Weeks Ended:									
NOV. 13, 1987	190,020	44,460	115,875	29,685	4,888	35,936	116,734	38,100	76,858
NOV. 6, 1987	190,281*	44,962	115,356*	29,963	5,578	36,773	111,272*	37,736	79,979
NOV. 14, 1986	194,821	56,108	108,919	29,794	5,097	36,874	143,023	36,186	80,069

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended November 13, 1987

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1987	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
NOV. 13, 1987	5,077.8	5,208.0	4,459	500	274,289
NOV. 6, 1987	5,162.5 *	--	5,757	658	274,130x
OCT. 30, 1987	5,162.5 *	--	5,282	676	270,877
OCT. 23, 1987	5,162.5 *	--	4,653	607	264,226
DISTRICT 5 TOTAL					
NOV. 13, 1987	3,179.2	3,025.0	215	2	81,465 ♦
NOV. 6, 1987	3,077.5 *	--	193	10	80,073x
OCT. 30, 1987	3,077.5 *	--	200	38	79,048
OCT. 23, 1987	3,077.5 *	--	128	15	73,654
TOTAL U.S.					
NOV. 13, 1987	8,257.0	8,233.0	4,674	502	355,754 ♦
NOV. 6, 1987	8,240.0 *	--	5,950	668	354,203x
OCT. 30, 1987	8,240.0 *	--	5,482	714	349,925
OCT. 23, 1987	8,240.0 *	--	4,781	622	337,880
NOV. 14, 1986	8,412.0 a/	--	5,010	591	342,726

♦INCLUDES 24,377 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1986.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 13, 1987	13,376	72,162	175,693	13,058	274,289	81,465 ♦	355,754 ♦
NOV. 6, 1987	17,074	71,225	173,214x	12,617	274,130x	80,073x	354,203x
NOV. 14, 1986	16,806	76,389	164,917	11,363	269,475	73,251	342,726

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 13, 1987

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	92	--	92	--	--	--	7	69	14	--	--	182
Central Atlantic	168	12	156	32	--	11	154	29	14	19	32	459
Lower Atlantic	78	--	78	--	--	--	--	166	--	--	2	246
DISTRICT 1 TOTAL												
NOV. 13, 1987	338	12	326	32	--	11	161	264	28	19	34	887
NOV. 6, 1987	376	23	353	76	--	35	192	455	45	94	72	1,345
OCT. 30, 1987	243	18	225	45	--	16	146	493	37	31	247	1,258
OCT. 23, 1987	376	27	349	85	--	2	272	485	34	17	74	1,345
DISTRICTS 2-4 TOTAL												
NOV. 13, 1987	30	1	29	3	12	--	10	15	193	76	225	564
NOV. 6, 1987	40	1	39	5	3	2	49	23	193*	175	185	675*
OCT. 30, 1987	20	1	19	18	3	1	44	21	196	152	267	722
OCT. 23, 1987	32	1	31	41	3	1	47	16	254	172	128	694
DISTRICT 5 TOTAL												
NOV. 13, 1987	23	10	13	11	--	--	2	6	55	3	--	100
NOV. 6, 1987	8	2	6	23	--	--	2	10	10	8	--	61
OCT. 30, 1987	17	1	16	25	--	--	1	10	24	4	49	130
OCT. 23, 1987	11	4	7	29	--	--	2	8	13	12	--	75
TOTAL U.S.	391	23	368	46	12	11	173	285	276	98	259	1,551
TOTAL U.S. Weeks Ended:												
NOV. 6, 1987	424	26	398	104	3	37	243	488	248*	277	257	2,081*
OCT. 30, 1987	280	20	260	88	3	17	191	524	257	187	563	2,110
OCT. 23, 1987	419	32	387	155	3	3	321	509	301	201	202	2,114
NOV. 14, 1986	238	49	189	77	8	60	74	528	356	254	271	1,866

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gascline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	October 1987	September 1987r/	June 1987
Florida	22.0	22.0	22.0
New York-Pennsylvania	12.0	12.0	12.0
Virginia	-	-	-
West Virginia	8.0	8.0	8.0
Illinois	65.0	65.0	66.0
Indiana	14.0	14.0	15.0
Kansas	161.0	162.0	163.0
Kentucky	16.0	16.0	16.0
Michigan	64.0	65.0	65.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	17.0	17.0	17.0
Ohio	34.0	34.0	34.0
Oklahoma	358.0	360.0	361.0
North Dakota	113.0	113.0	113.0
South Dakota	5.0	5.0	5.0
Alabama	58.0	57.0	58.0
Arkansas	36.0	37.0	36.0
Mississippi	78.0	78.0	78.0
New Mexico-So. East	172.8	172.8	171.0
New Mexico-Other	19.0	19.0	19.0
North Louisiana	70.0	70.0	70.0
South Louisiana	1,247.0	1,251.4	1,224.0
Total Louisiana	1,317.0	1,321.4	1,294.0
Texas			
District 1	56.0	55.0	60.0
District 2	73.0	73.0	70.0
District 3	258.0	255.0	265.0
District 4	74.0	73.0	65.0
District 5	37.0	36.0	30.0
District 6, East Texas Field	112.0	110.0	112.0
Other	88.0	87.0	95.0
District 7-B	87.0	86.0	85.0
District 7-C	84.0	83.0	84.0
Districts 8 and 8-A	1,065.0	1,076.0	1,117.0
District 9	87.0	86.0	93.0
District 10	45.0	44.0	46.0
Total Texas	2,066.0	2,064.0	2,122.0
Colorado	75.0	76.0	76.0
Montana	66.0	68.0	68.0
Utah	94.0	96.0	97.0
Wyoming	289.7	303.0	290.0
Total Districts 1-4	5,162.5	5,187.2	5,208.0
Alaska	1,977.5	1,875.8	1,929.0
Arizona	-	-	-
California	1,092.0	1,090.0	1,088.0
Nevada	8.0	8.0	8.0
Total District 5	3,077.5	2,973.8	3,025.0
TOTAL U.S.	8,240.0	8,161.0r/	8,233.0

r/ Revised: data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 56.5% of lower 48 states production. When combined with reported Alaskan data, the sample represents 66.5% of total U.S. production in September.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 13, 1987

REVISIONS

11/06/87	PAGE 2	TOTAL MGAS	EAST COAST	576
			DISTRICT 1 TOTAL	618
			TOTAL U.S.	6,470
			DISTRICTS 1-4	5,504
		UNLEADED MGAS	EAST COAST	523
			DISTRICT 1 TOTAL	557
			TOTAL U.S.	5,038
			DISTRICTS 1-4	4,306
	PAGE 3	TOTAL MGAS	LOWER ATLANTIC	29,861
			DISTRICT 1 TOTAL	60,786
			TOTAL U.S.	218,645
			DISTRICTS 1-4	190,281
		UNLEADED MGAS	LOWER ATLANTIC	23,497
			DISTRICT 1 TOTAL	44,637
			TOTAL U.S.	129,679
			DISTRICTS 1-4	115,356
		DISTILLATE FUEL	LOWER ATLANTIC	14,331
			DISTRICT 1 TOTAL	51,928
			DISTRICT 2 TOTAL	28,327
			TOTAL U.S.	121,821
			DISTRICTS 1-4	111,272
		RESIDUAL FUEL	DISTRICT 5 TOTAL	8,316
			TOTAL U.S.	46,052
		UNFINISHED OILS	DISTRICT 5 TOTAL	24,300
			TOTAL U.S.	104,279
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	274,130
			DISTRICT 5 TOTAL	80,073
			TOTAL U.S.	354,203
	PAGE 4 B	TOTAL	PAD DISTRICT 3	173,214
			TOTAL PAD DISTRICTS 1-4	274,130
			PAD DISTRICT 5	80,073
			TOTAL U.S.	354,203
	PAGE 5	L.P.G.	DISTRICTS 2-4 TOTAL	193
			TOTAL U.S.	248
		TOTAL	DISTRICTS 2-4 TOTAL	675
			TOTAL U.S.	2,081